

Dockless Vehicle Committee

July 14, 2021



Lime



LINK

Engineered by Superpedestrian

SPIN

Agenda

1. Timeline check in
Permit Cycle and forecast
2. Updates
Ridership numbers
COVID-19 Data requests
Update – Work Orders and Corrals
3. Discussion
Changes to the 2021 permit
Policy changes – Public Policy API
Geo-fencing updates: Non-deployment, no-parking, no-ride etc.
Compliance updates
4. Miscellaneous
Other community announcement?

Permit Schedule

New Permits effective July 1, 2021

Lime

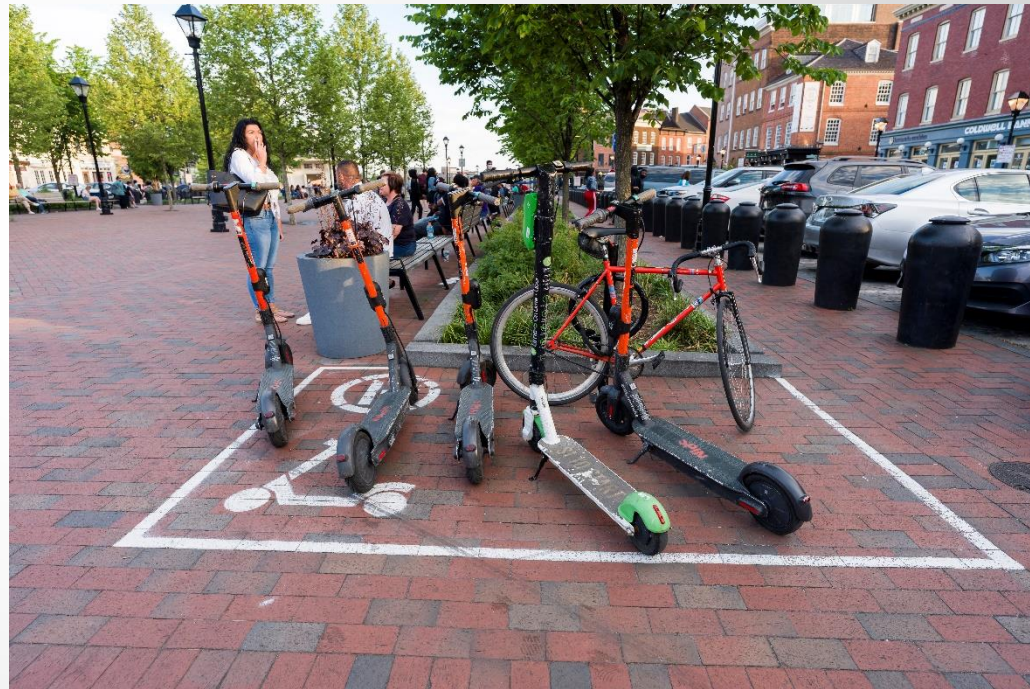
- 2-vehicle permit, Scooters & Bikes (minimum of 75)
- 1,100 vehicles with 75 bikes, 2,000 with 150 bikes
- New scooter fleet, all new vehicles by Jan 1, 2022
- New \$1 incentives for parking in corrals
- Lime Access 70% off, 50% off automatically in EZ

Link

- Plan to fully launch by July 15, 2021
- 1,000 New proprietary e-scooters
- Lower \$1 +.25/min pricing
- Link Access 70% off

Spin

- 1,450 e-scooters, plus 50 e-scooters with seats
- New Parking and Sidewalk detection AI
- Continued Preferred Parking incentives
- Spin Access 50% off, 25% off automatically in EZ



Credit: Kittelson and Associates

Permit Schedule

2021 Permit

- 1-2 companies will be eligible for renewal based on:
 - BCDOT Ratings - Compliance ratings, warnings and citations issued
 - Community Ratings - 311, complaints, community survey

2022 Permit

- Anticipate awarding 2-3 permits

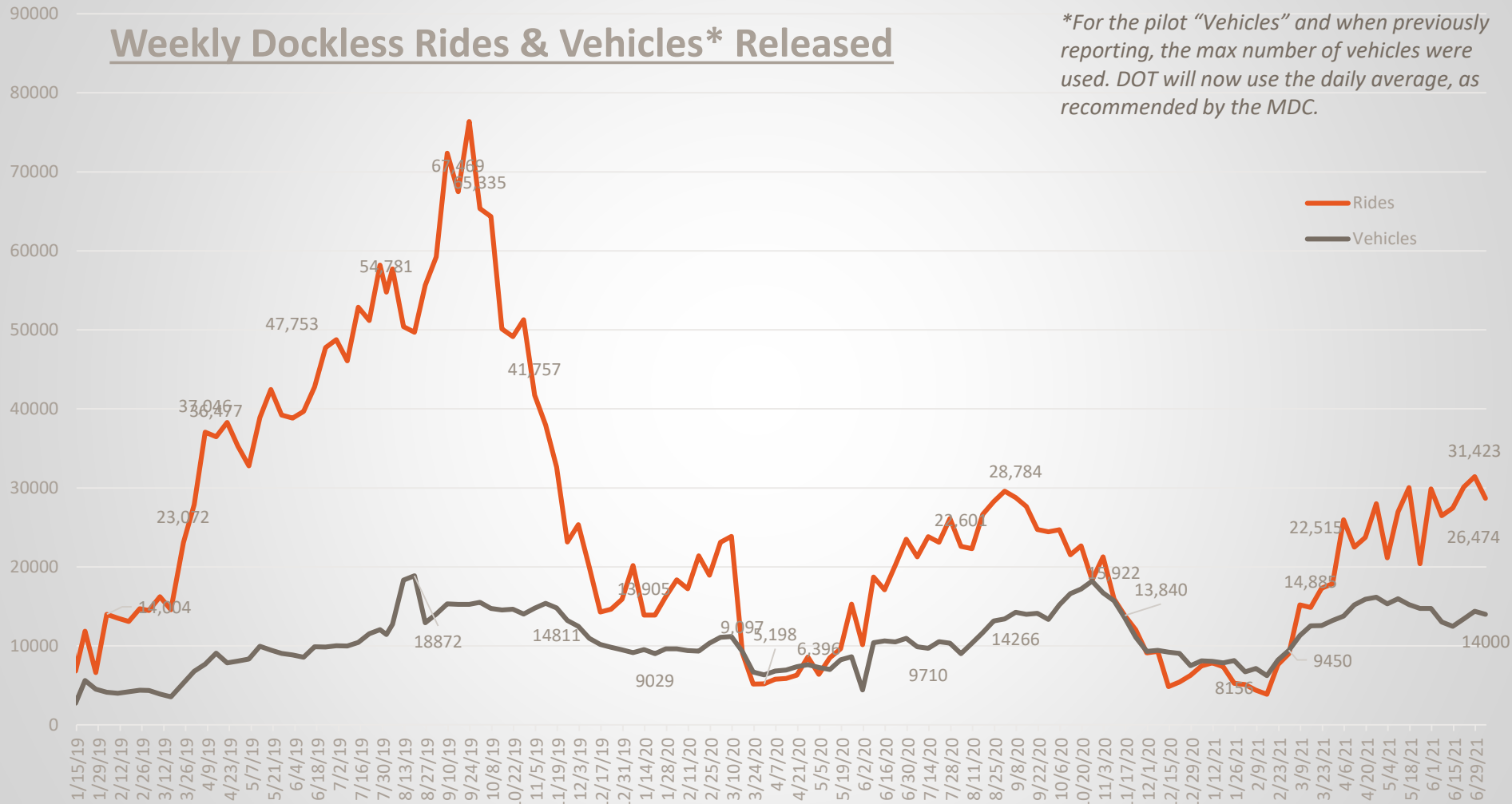
2023 possible
longer-term permit

- Watching and researching longer term RFP for dockless programs (Denver, NYC)

Data Updates

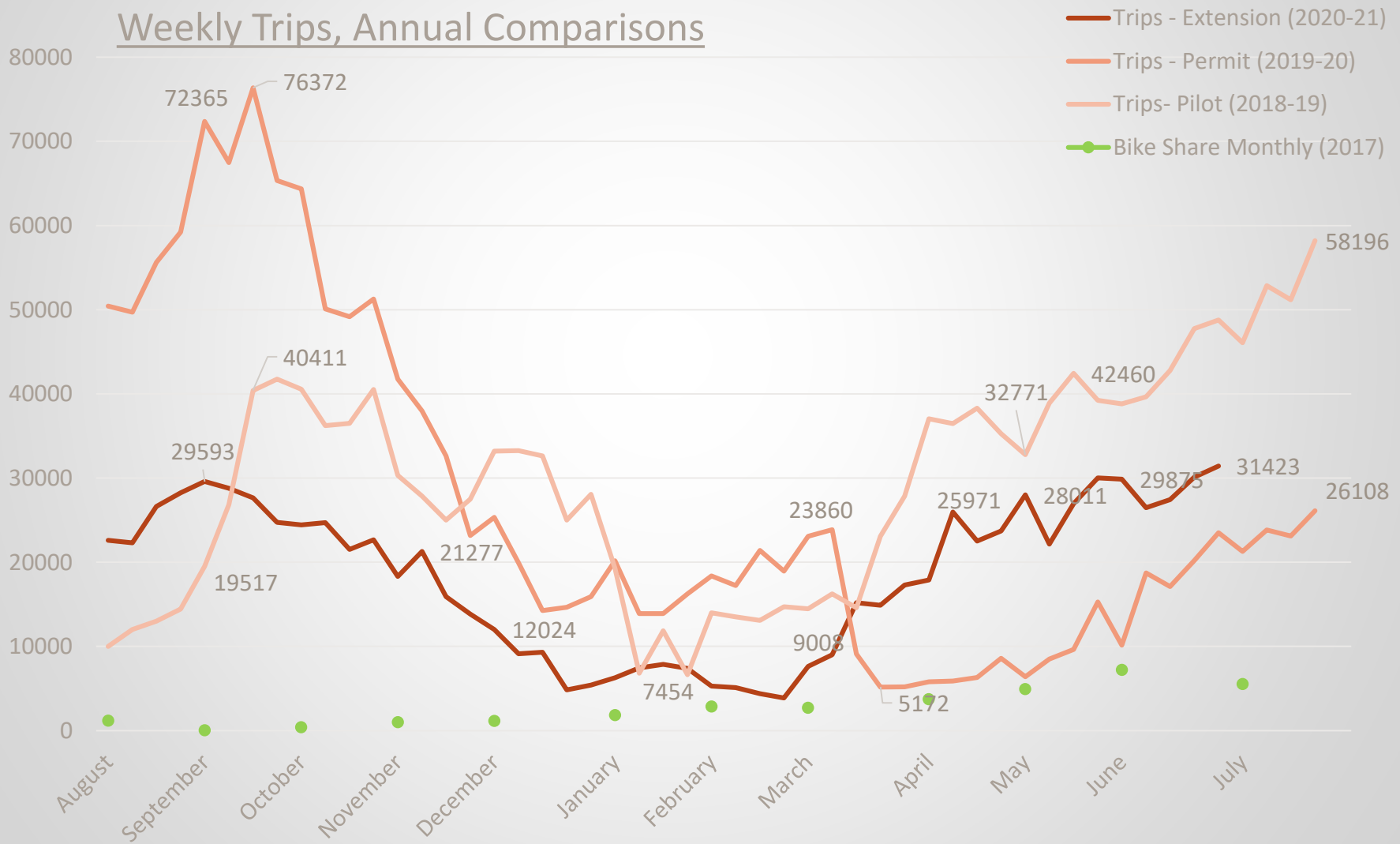
Weekly Dockless Rides & Vehicles* Released

**For the pilot "Vehicles" and when previously reporting, the max number of vehicles were used. DOT will now use the daily average, as recommended by the MDC.*



Data Updates

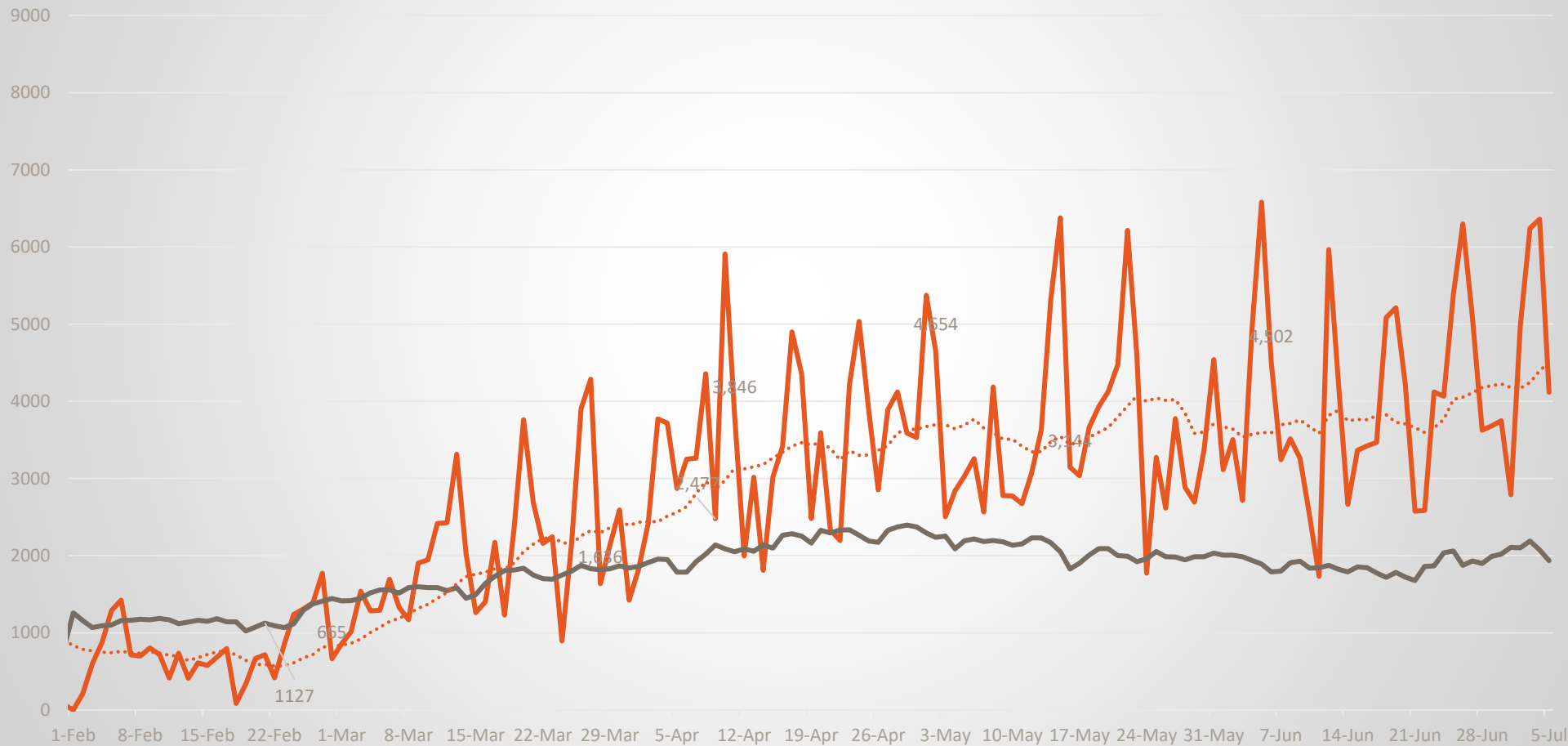
Weekly Trips, Annual Comparisons



Data Updates

Daily Average Vehicles Deployed and Total Daily Trips

Rides

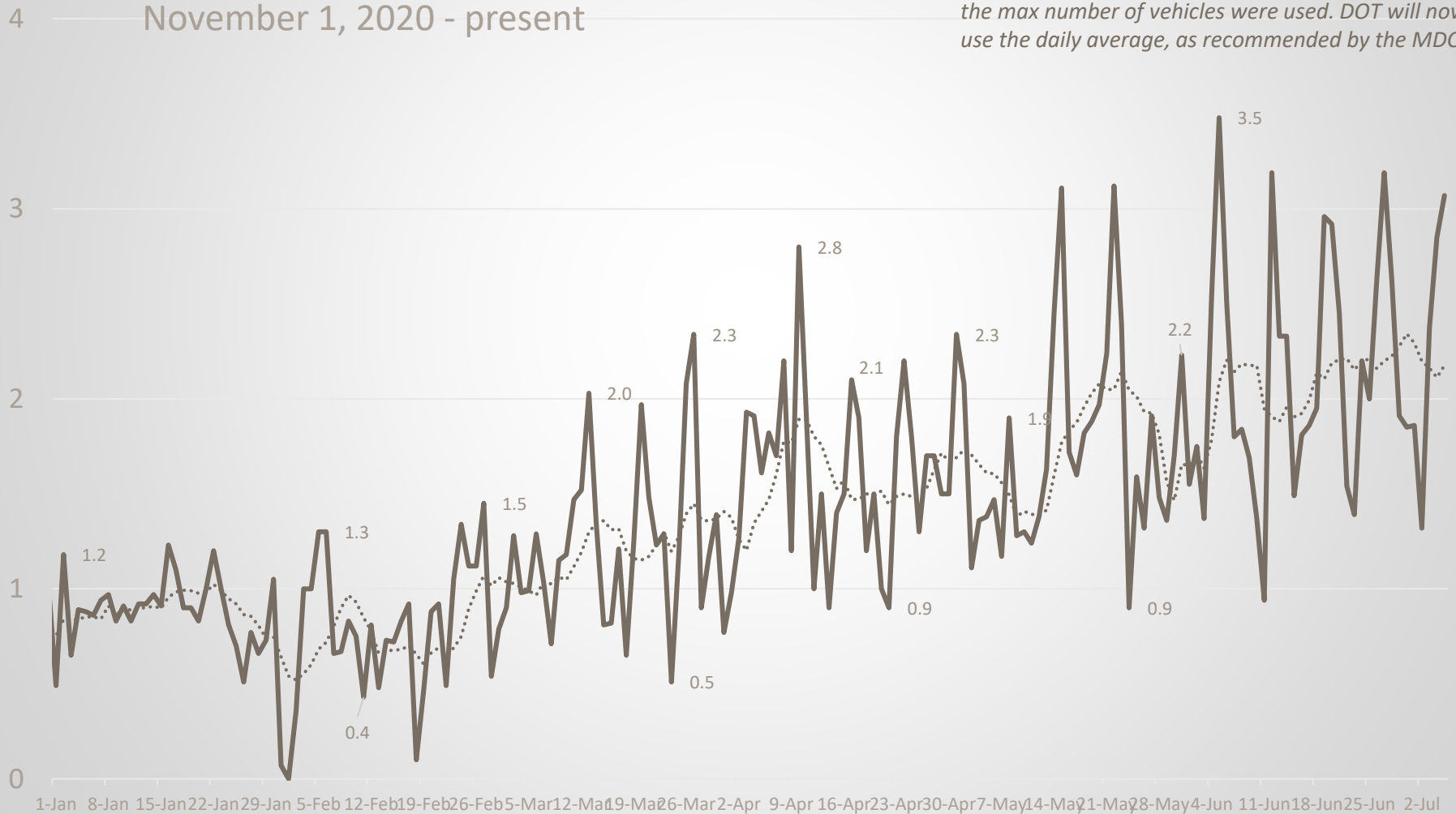


Data Updates

Rides Per Vehicle Per Day*

November 1, 2020 - present

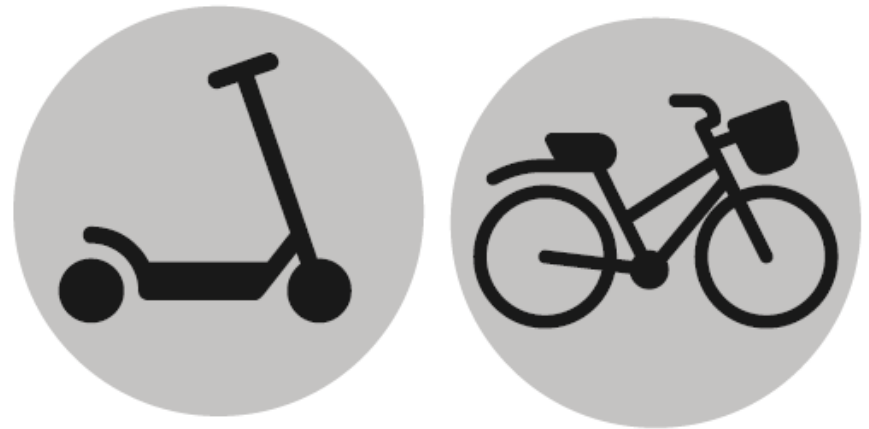
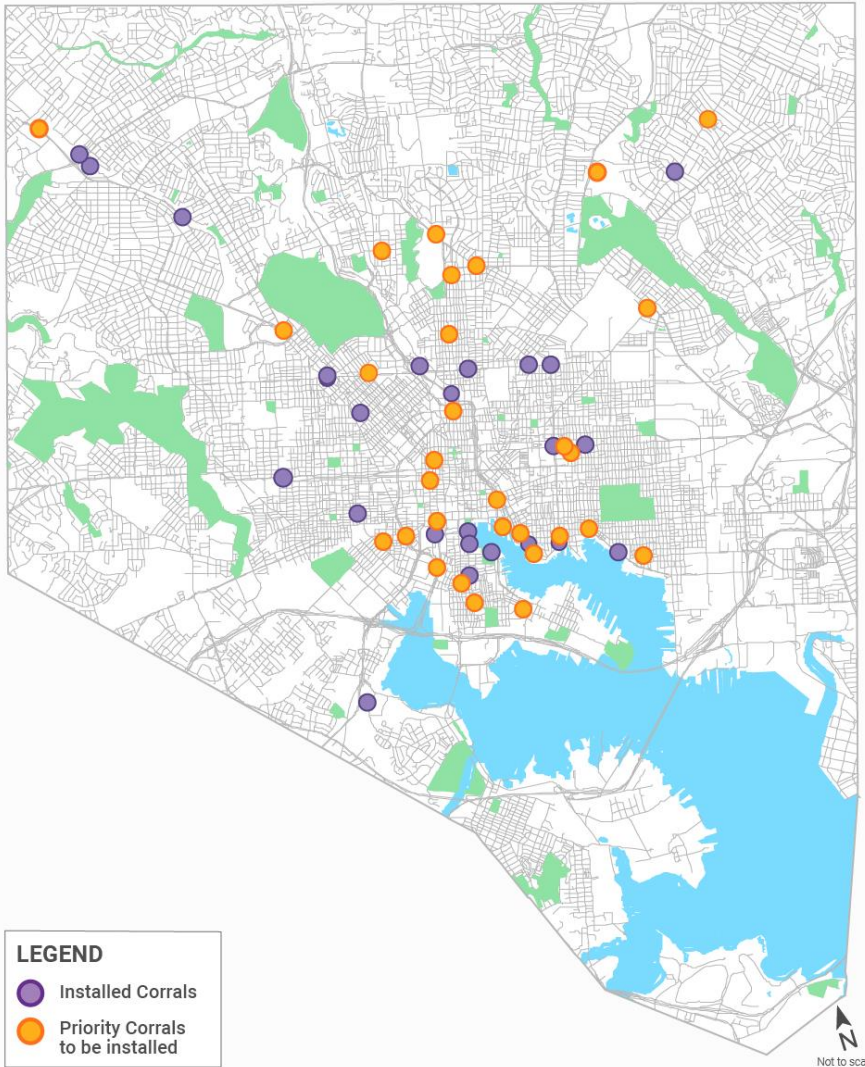
**When previously calculating and reporting the RPVD the max number of vehicles were used. DOT will now use the daily average, as recommended by the MDC.*



DOT Updates

Corral Installation Phases 1 & 2

Priorities: reduce vandalism, cover popular destinations, connect to transit, geographical equity



PARK HERE

Please park courteously!

Do not block ramps, doors, or bus stops.
Leave 4 feet of space on the sidewalk.



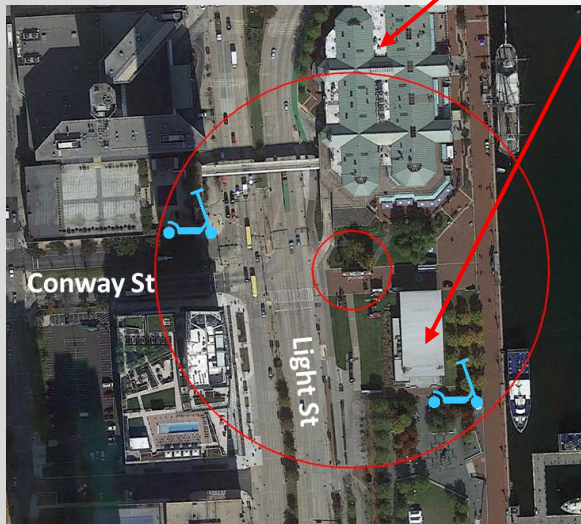
Scan me for more info

Data Updates

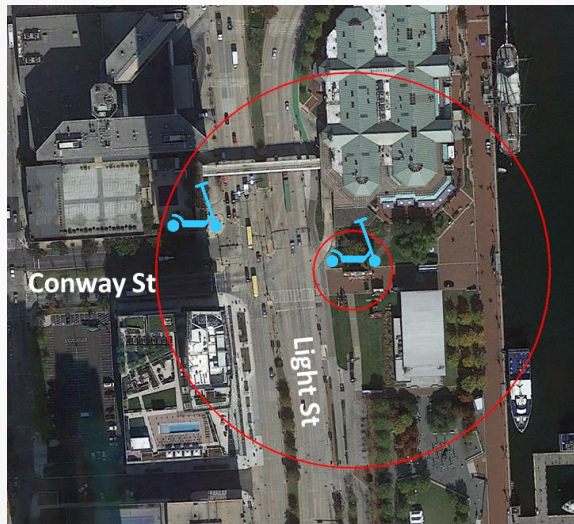
Corral Analysis

What is 20m:100m Parking Ratio?

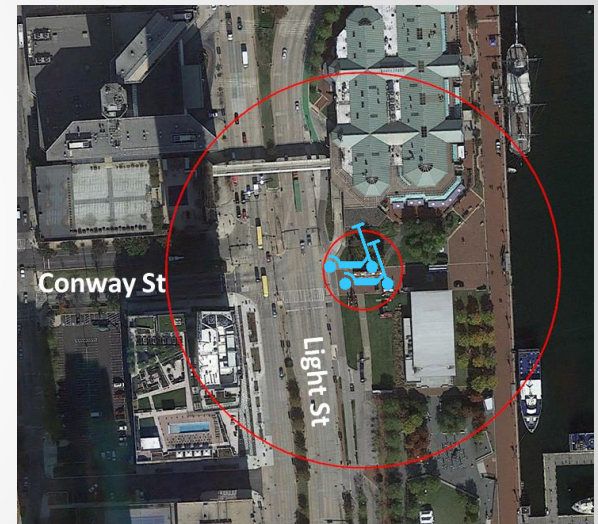
Harborplace
Visitor Center



20m:100m
Parking
Ratio = 0



20m:100m
Parking
Ratio = 0.5

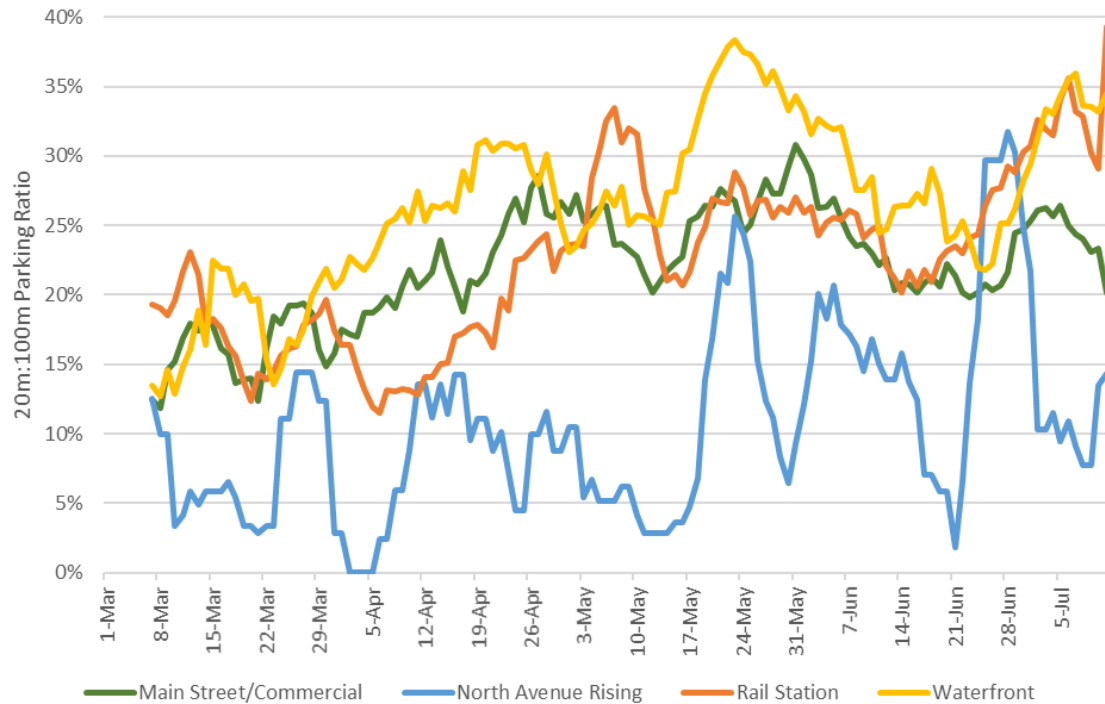


20m:100m
Parking
Ratio = 1

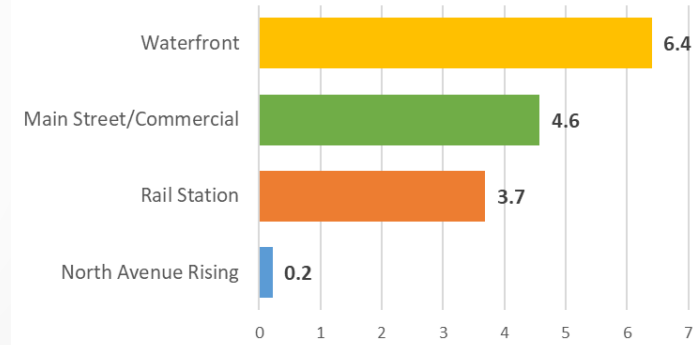
Data Updates

Corral Analysis – By Location Type

Average 20m:100m Parking Ratio by Corral Type (7-Day Average)

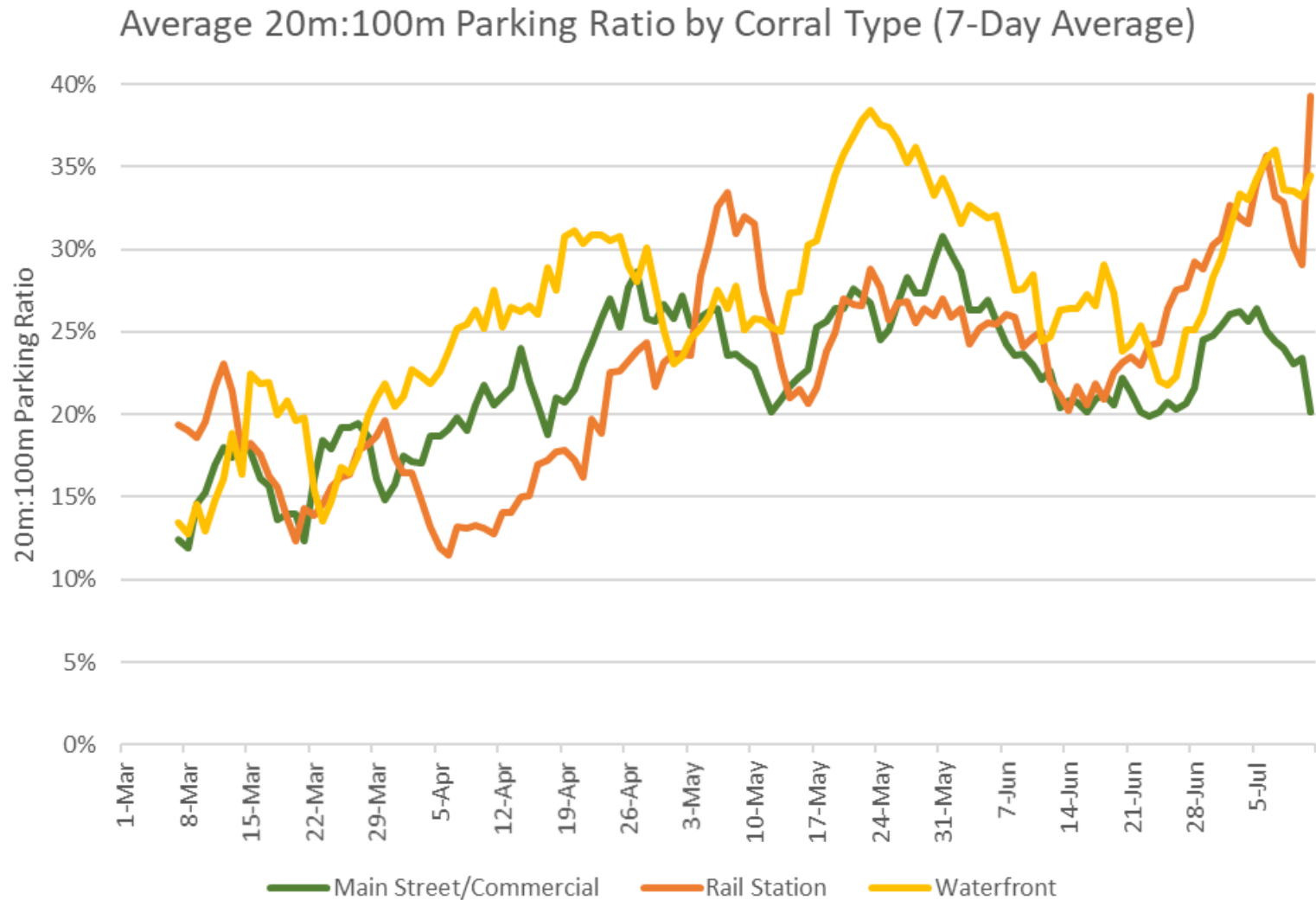


Average Daily Destinations Per Corral (20m)



Data Updates

Corral Analysis – By Location Type



2021 Permit Program

Policy API Updates for the 2021 Permit

Policy API can be publicly viewed at: <https://maps.populus.ai/baltimore/policies>

Geo-fenced Policies:

- Preferred Parking (Corrals)
- Non-deployment requests from property owners
- Slow Zone – Promenade and Harbor Point
- No Ride Zones – Stadium and Fort McHenry
- No Parking Zones – Waterfront
- Testing a no-parking zone in large parking garages where there are issues:
 - Garage/property must be over 60 meters x 60 meters
 - Must post a sign outside of the garage
 - Must approve of a corral, if DOT chooses to site one on nearby ROW

2021 Permit Program

Compliance Ratings

- Equity Zones and Deployment Districts
 - 85% compliance (monitored twice monthly)
- Percentage of the fleet parked over 5 days
 - 5% or lower (monitored twice monthly)
- Monthly Parking and Vehicle Inspections
 - Vehicle appearance and operations
 - Deployment compliance and response times
- Equity Plan sign-ups
 - Reported monthly by permit holders, ranked
- Number of safety and equity events (9 required)
 - Reported monthly by permit holders, ranked
- General – any warning or citations for violating R&R
 - Repeated non-compliance triggers 2 warnings before a citation



Credit: Kittelson and Associates

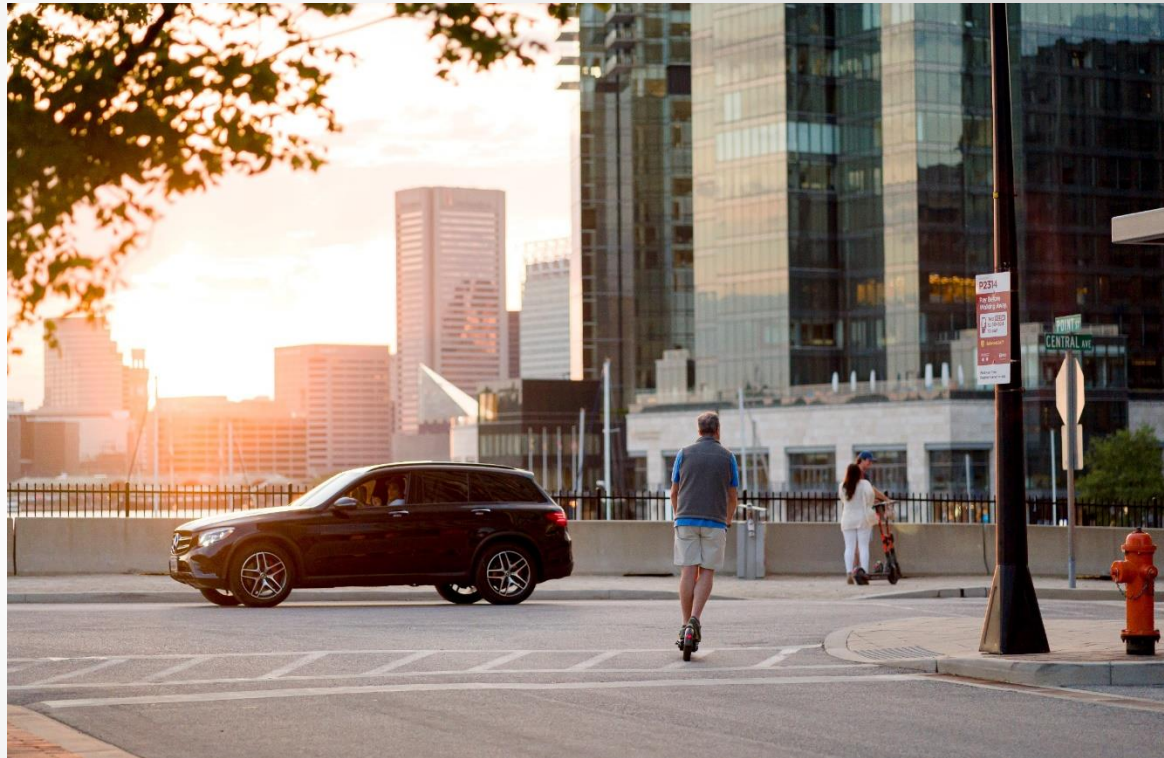
Action Items

Data/Analysis Requests?

Community Announcements?

Next Meeting Date:

- August 11, 2021



Credit: Kittelson and Associates